

05/31/00
JCS30 U.S. PTO

06-01-00

A

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: David L. Graumann
Title: ECHO CANCELLATION SYSTEM HAVING FAST RECONVERGENCE
Attorney Docket No.: 884.263US1

JCS30 U.S. PTO
09/584576
05/31/00

PATENT APPLICATION TRANSMITTAL

BOX PATENT APPLICATION
Assistant Commissioner for Patents
Washington, D.C. 20231

We are transmitting herewith the following attached items and information (as indicated with an "X"):

- X Utility Patent Application under 37 CFR § 1.53(b) comprising:
X Specification (25 pgs, including claims numbered 1 through 26 and a 1 page Abstract).
X Formal Drawing(s) (5 sheets).
X Signed Combined Declaration and Power of Attorney (3 pgs).
X Check in the amount of \$954.00 to pay the filing fee.
X Assignment of the invention to Intel Corporation (2 pgs) and Recordation Form Cover Sheet.
X Check in the amount of \$40.00 to pay the Assignment recording fee.
X Return postcard.

The filing fee has been calculated below as follows:

	No. Filed	No. Extra	Rate	Fee
TOTAL CLAIMS	26 - 20 =	6	x 18 =	\$108.00
INDEPENDENT CLAIMS	5 - 3 =	2	x 78 =	\$156.00
[] MULTIPLE DEPENDENT CLAIMS PRESENTED				\$0.00
BASIC FEE				\$690.00
TOTAL				\$954.00

Please charge any additional required fees or credit overpayment to Deposit Account No. 19-0743.

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.
P.O. Box 2938, Minneapolis, MN 55402 (612-373-6900)

By: Ann M. McCrackin
Atty: Ann M. McCrackin
Reg. No. 42,858

Customer Number **21186**

"Express Mail" mailing label number: EL584209576US

Date of Deposit: May 31, 2000

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Box Patent Application, Washington, D.C. 20231.

By: Shawn L. Hise

Signature: [Signature]